ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIALS | ID NO. | DATE |
|---------------------------------------|----------|--------|-----------|
| THE DETERMINATION | dua Cot | | 6/20/20 |
| FEE DETERMINATION O.I.P.E. CLASSIFIER | , | | 5 6-25-60 |
| FORMALITY REVIEW | E) | 64934 | 81400 |
| RESPONSE FORMALITY REVIEW | | | |

INDEX OF CLAIMS

| Rejected | N Non-elected |
|--|----------------|
| = Allowed | I Interference |
| (Through numeral) Canceled | A Appeal |
| ÷ Restricted | OObjected |

| Clair | n I | Date | | | | | | | Г | Cla | m | | | | - (| Date | 3 | _ | | | | C | lair | n | Date | | | | | | | | | | | |
|--------------------|-------------|----------|----------|----------|--------------|--|--|--|----------|----------|----------|----------|------|-----|----------|----------|----------|----------|----------|--------------|--|----------|-------------|---------------|------------|-----|---------------|---------|----------|----------|--|--|--------------|----------|----------|----------|
| \vdash | _ | 11-18-00 | \neg | Т | П | | | \neg | | | ţ- | - | | | Т | Т | Т | | | | \neg | | | \neg | Г | Τ, | | Т | Π | T | П | Π | | | | Γ |
| 1_{-1} | <u>e</u> | Z | | ŀ | 1 | ŀ | | ì | | | - 1 | ١. | Fina | ina | | 1 | | ļ | | - 1 | - | | | - 1 | = | | | | | l | 1 | 1 | | | | |
| Final | 門 | Ŧ | - | ı | - 1 | | | ı | | | - 1 | -] . | 2 | | | - | - | ŀ | - | | | | | - 1 | Fig | | Ĕĺ | | | İ | l | 1 | | | | |
| 1419 | nugiua 1 | 3 | + | - | - | | | \dashv | _ | | \dashv | - ⊦' | - | 51 | + | + | + | | -+ | -+ | | | \dashv | \dashv | F | 1, | 01 | +- | ╁ | ╁ | ┝ | ╁╌ | Н | | \vdash | |
| | | 7 | 4 | _ | _ | | | _ | | _ | | - | | | | - - | -+ | + | \dashv | | \dashv | | - | | - | | | +- | ╄ | ₩ | ⊢ | ⊢ | - | \dashv | _ | _ |
| | | / | | \perp | _ | _ | | _ | | L_ | _ | L | _ | 52 | \perp | _ - | 4 | _ | _ | _ | | | \dashv | _ | \vdash | | 02 | ↓_ | ـ | ╄- | ⊢ | _ | _ | | | _ |
| | 3 | | - | - 1 | | ļ | | - 1 | | | 1 | | | 53 | | \perp | | | | | | | | _ | ┖ | _ | 03 | | _ | <u> </u> | | L | L | | | |
| | 4 | 7 | 7 | П | T | \neg | | | | | | | | 54 | | | | | \perp | | | | | _ | L | - | 04 | L | _ | L | L | <u> </u> | | | | |
| \Box | 5 | V | Т | T | Ţ | \neg | ٦ | Ī | | Г | | | | 55 | | | | - 1 | - 1 | 1 | | | | | L | | 05 | 1 | | | | | | | | |
| r | 8 | ./ | _ | 寸 | \neg | | \neg | コ | | _ | | Г | T | 56 | \neg | T | | Т | | | | | | | | 1 | 06 | Т | | Π | Г | Γ | | | | |
| | - | × | 十 | \dashv | -1 | | ┪ | ヿ | _ | <u> </u> | | | ┪ | 57 | \top | T | _ | T | T | | \neg | | | | | 1 | 07 | | Т | T | Г | | | П | | _ |
| _ | - + | × | + | - | ┪ | | - | \dashv | | - | | F | 7 | 58 | _ | + | _ | _ | 7 | _ | | _ | | | | 1 | 08 | Т | 1 | 1 | | | | | | \neg |
| - | _ | _ | + | - | ┪ | | \dashv | \dashv | _ | | \dashv | - | - | 59 | + | $^{+}$ | \dashv | ᠆ϯ | - | \dashv | _ | | Н | \neg | - | 4 | 09 | +- | 十 | +- | H | | | | | _ |
| \rightarrow | | Ň | + | + | - | | \dashv | | _ | _ | \dashv | H | - | | + | | | \dashv | - | - | | _ | H | _ | - | - | 10 | +- | + | +- | ┢ | ╁╌ | - | - | | - |
| | ΙĠ | V | _ | 4 | | _ | | _ | | | Н | ⊢ | 4 | 60 | + | + | + | \dashv | \dashv | | | | Н | | - | | 11 | ╁ | ┿ | ╁ | ⊢ | - | - | - | | |
| | 1 | | 4 | 4 | _ | | | _ | _ | <u> </u> | \Box | - | 4 | 61 | - - | + | - | - | | _ | _ | _ | Н | \dashv | - | | _ | + | ŀ | | ₩- | ١ | - | | ᅱ | |
| | | ✓ | \perp | | | | | | L. | <u> </u> | Ш | L | | 62 | _ _ | 4 | 4 | Ц. | | _ | | | _ | Щ | \vdash | | 12 | + | ╀- | | - | ـ | - | \dashv | 4 | لـــ |
| | 13 | V | \prod | | |] | [| _] | | L | Ш | L | _ | 63 | \perp | ᆚ | \perp | _ | _ | _ | | | Ш | Ш | 上 | - | 13 | 1 | 1 | ـــ | <u> </u> | ļ | Ш | _ | _ | |
| | 4 | ▼ | Т | T | ٦ | | | | | | | | | 64 | | \perp | | | | | | | Ш | | L | | 14 | \perp | \perp | _ | _ | 1_ | Ш | | _ | |
| | 15 | 7 | \top | \neg | ╛ | | \neg | \neg | | - | П | Γ | ٦ | 65 | T | T | T | | Ţ | Ī | | | | | | 1 | 15 | | | L | | _ | | 1 | _ ! | |
| | | V | + | _ | \dashv | \dashv | | _ | | П | \sqcap | Г | ╗ | 66 | | T | T | \neg | П | \neg | | | | | Г | 1 | 16 | 1 | | L | L | L | | I | | |
| | 7 | * | \dashv | + | -1 | | 一 | _ | - | \vdash | Н | r | ᅥ | 67 | ┪ | \top | \dashv | _ | \neg | \neg | | | | | | 1 | 17 | T | T | Π | | Г | | | П | |
| | | V | + | -+ | | \dashv | _ | | | H | Н | F | _ | 68 | 十 | - | 7 | \dashv | _ | _ | \neg | _ | | П | | 1 | 18 | Т | | | | Г | | | | |
| | - | * | - | - | - | | | - | - | ├ | Н | ⊢ | _ | 69 | + | + | + | \dashv | ┪ | - | \neg | | - | \vdash | | 1 | 19 | + | \top | 1 | _ | 1 | | | | - |
| | 19 | 4 | - | | | \dashv | - | | _ | _ | Щ | ŀ | 4 | _ | - | + | \dashv | -+ | \dashv | \dashv | | | ⊢ | \dashv | - | _ | \rightarrow | ╁ | ╁ | ╁ | +- | ├ | - | \neg | - | _ |
| | 20 | | | _ | _ | | | | | | | L | _ | 70 | _ | 4 | _ | 4 | _ | _ | | | _ | 4 | - | | 20 | | ╄ | ┼- | | - | - | | | _ |
| | 21 | | | | | | | | | | Ш | L | ┙ | 71 | | ┙ | _ | _ | _ | _ | | | | Ш | L | | 21 | ╁ | ╄ | ļ | <u> </u> | <u> </u> | | _ | | |
| | 22 | | П | T | | | | | | | | | | 72 | | | | | | i | | | | | L | | 22 | _ | ┺ | ↓_ | 1_ | L | | | _ | لــــا |
| | 23 | | | | T | | | | Г | 1 | | | | 73 | Т | T. | | \neg | | | | | | | L | | 23 | _ | ┸ | _ | 上 | L | | | _ | لب |
| | 24 | \dashv | 十 | -1 | \dashv | \neg | | | | T | М | | | 74 | \top | 7 | \neg | | _ | | | | П | | | 1 | 24 | T | 1 | | l | _ | | | | |
| - | 25 | \dashv | - | _ | ┪ | _ | | | _ | _ | Н | _ T | | 75 | \neg | 寸 | _ | 寸 | \neg | | | | Г | | | 1 | 25 | 1 | | T | Γ | ľ | | | | |
| | 26 | - | \dashv | ┪ | | _ | - | - | ┢ | ╁ | Н | F | | 76 | 十 | + | - | 寸 | _ | _ | - | | <u> </u> | П | | 4 | 26 | 1 | \top | T | Т | Γ | | | | |
| | 27 | - | \dashv | \dashv | | - | - | Н | | \vdash | Н | F | - | 77 | | ┪ | 1 | \dashv | ᅥ | | - | | ┰ | Н | | | 27 | ╅ | 1 | 1 | Τ | | Γ | | | |
| | | \vdash | - | - | -1 | _ | | H | ⊢ | ┼ | \vdash | - | | 78 | | - | \dashv | \dashv | \dashv | | _ | - | ├─ | Н | - | _ | 28 | + | +- | 1 | ✝ | | \vdash | | | |
| | 28 | Н | 4 | _ | | | | _ | <u> </u> | - | Н | - | _ | _ | | \dashv | \dashv | | \dashv | | | ├ | ├ | \vdash | - | _ | 29 | + | ╁╌ | ╂ | ┰ | 1- | ╁ | Н | _ | _ |
| | 29 | Ш | _ | | _ | | | ļ | <u> </u> | <u> </u> | Ш | Ļ | _ | 79 | - | - | - | | | _ | | ┝╌ | | Н | - | _ | 30 | + | ╁ | ╂ | +- | ╁ | ├ | | _ | _ |
| | 30 | | | l | | | | | L | _ | | L | | 80 | 4 | _ | _ | | | | | Ļ, | <u> </u> | Н | - | - | | - | ╀ | ┼- | ╀ | ├ | ├ | \vdash | _ | |
| | 31 | | - 1 | 1 | _ | | | | <u> </u> | 1_ | | L | | 81 | | | _ | | | | _ | L | <u> </u> | Ш | - | _ | 31 | | - | ╀ | ┼ | ╢ | ├ | - | - | |
| | 32 | | 丁 | | | Ī | | _ | | | | ſ | | 82 | | | | | | | L | L | <u></u> | Ш | L | | 32 | - - | 4 | - | | - | - | \vdash | | - |
| Γ^{\dagger} | 33 | \Box | _ | \neg | | | | | Γ | Γ | | ľ | | 83 | | | |] | | | L | | | Ш | _ | | 33 | | <u>Ļ</u> | 4_ | ļ | - | ļ | | | |
| - | 34 | П | _ | 7 | | Г | Г | | | 1 | П | ļ | | 84 | T | 7 | ╗ | | | | | L | L | Ш | _ | | 34 | 1_ | ┺ | \perp | | ! | | | _ | |
| | 35 | Н | | \dashv | | | ┪ | \vdash | 1 | 1 | П | ľ | | 85 | \neg | 7 | \neg | | | | | | Ĺ | \Box | | _1. | 35 | | \perp | 1_ | 1 | 1 | _ | Ш | _ | - |
| | 36 | Н | -+ | | | ┢ | | \vdash | † | 1 | Н | ı | _ | 86 | 1 | 7 | \dashv | \neg | \neg | | | Г | Π | | | 1. | 36 | | | | <u>L</u> . | 1_ | 1_ | Ш | | |
| | 37 | ┥ | \dashv | | | \vdash | - | \vdash | + | + | H | H | _ | 87 | \dashv | 7 | 一 | | | | _ | Г | 1 | | | ī | 37 | | L | | | <u>L</u> | _ | | | |
| | 38 | \vdash | - | | - | \vdash | | \vdash | +- | ╁ | \vdash | | | 88 | 十 | + | -+ | \dashv | | \vdash | | Ι- | T | \sqcap | F | | 38 | 1 | T | T | T | Ĺ | L | | | |
| \vdash | | \vdash | - | _ | | | - | | + | +- | \vdash | , F | | 89 | + | - | - | - | - | \vdash | \vdash | | \vdash | Н | | - | 39 | 1 | \top | T | | 1 | | | | _ |
| \vdash | 39 | Ш | _ | _ | <u> </u> | <u> </u> | - | _ | ┼- | 4 | ╀╌┤ | - | _ | - | | - | - | | | | \vdash | ┢ | | \vdash | - | -+ | 40 | + | †- | 1 | 1 | \sqcap | Π | | | Ī |
| | 40 | | | | | | L_ | <u></u> | <u> </u> | 1 | Ш | L | _ | 90 | _ | 4 | | | | <u> </u> | - | - | | | - | | 41 | +- | + | +- | + | + | 1- | | _ | _ |
| | 41 | | ٦ | | | | _ | | | | | | _ | 91 | \perp | | _¦ | | | ᆫ | | L- | 1_ | 1 | - | _ | | +- | +- | +- | ╁ | +- | +- | Н | Н | - |
| \Box | 42 | П | \neg | | | Π | Г | | Т | | | lf | | 92 | [| _ | | | | | | _ | 1 | | <u> </u> _ | | 42 | | - | ┦— | | - | | | | - |
| | 43 | Н | | | Г | t | Г | | 1- | T | П | l i | _ | 93 | | | | | | | | ! | 1_ | | 1_ | | 43 | ᆜ_ | - - | - | | - | | | - | - |
| \rightarrow | 44 | \vdash | \dashv | | \vdash | | \vdash | | + | T | П | | _ | 94 | | _1 | | | | i | 1 | | i | _ : | L. | | 44 | 1 | 1 | 1 | 1_ | <u> </u> | <u> </u> | Ш | | |
| | 45 | | | | | | | | + | + | | | _ | 95 | - | | 1 | | | Г | | - | ; | 1 | Г | _ 5 | 45 | L | 1 | 1 | <u> </u> | <u> </u> | <u> </u> | | _ | |
| | | | - | | - | | - | + | + | + | + | | _ | 96 | -+ | - | \dashv | | | \vdash | | ! | ! | | | | 46 | Т | 1 | | <u>. </u> | 1_ | | Ш | _ | <u></u> |
| | 46 | \vdash | | _ | _ | ⊢ | \vdash | - | + | +- | - | H | _ | 97 | -+ | - | | \neg | - | | | <u> </u> | +- | : | _ | -4- | 47 | | 1 | T | - | | L | | | _ |
| \sqcup | 47 | \perp | | | L. | _ | <u> </u> | <u> </u> | L | + | \vdash | - | | | -+ | | - | _ | _ | | | - | | : | - | | 48 | | : | 1 | ī | | | | | |
| | 48 | | | | L | | | 1_ | 1_ | 1 | 1_ | | | 98 | } | | | - | - | - | | | 1- | · | <u></u> | 4- | 49 | | : | | • | ! | 1 | | | |
| | 49 | | | | Ĺ | \Box | | L | L | 1_ | 1_ | 1 1 | | 99 | 4 | _ | - | _ | - | - | - | ۱ | · | | ļ | | 50 | | | | | · | - | | | |
| | 50 | | | | Ī | 1 | 1 | 1 | 1 | | 1_ | ا, ا | | 100 | 1 | ! | | | | <u>_</u> | - | 1 | | | | | | | <u></u> | | | | | _ | | |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)